# **PCT**

## REQUEST

For receiving Office use only	
International Application No.	
International Filing Date	
Name of receiving Office and "PCT International Application"	

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Off	ice and "PCT Inte	rnational Application"
	Applicant's or agent's (if desired) (12 characte	file reference ers maximum) Bi	MK-PCT-APRIL06
Box No. I TITLE OF INVENTION	·	· · · · · · · · · · · · · · · · · · ·	
VACCINE ADJUVANTS			
	n is also inventor		
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residen		Telephone No. +91-02718	225001-15
Dr.Bakulesh Mafatlal Khamar		Facsimile No. +91-02718	225031/39
Cadila Pharmaceuticals Ltd.,		Teleprinter No.	
"Cadila Corporate Campus", Sarkhej-Dholka	a Road, Bhat;	reteprinted (10.	
Ahmedabad - 382210, Gujarat, India, Nation	nality, Indian.	Applicant's regis	stration No. with the Office
State (that is, country) of nationality:  IN	State (that is, country)	of residence:	
This person is applicant for the purposes of:  All designated all designated the United States		the United States of America only	the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)		
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of resident Mr. Indravadan Ambalal Modi	tity, full official designation.	This person 19:	nt only
			nt and inventor
Cadila Pharmaceuticals Ltd., "Cadila Corpo	rate Campus",		
Sarkhej-Dholka Road, Bhat, Ahmedabad - 3 Gujarat, India, Nationality, Indian	382210,	is marke	only (If this check-box ed, do not fill in below.)
		Applicant's regis	stration No. with the Office
State (that is, country) of nationality:  IN	State (that is, country) IN	of residence:	
This person is applicant all designated all designated the United States	ed States except States of America	the United States of America only	the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated	on a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE		CORRESPOND	ENCE
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	s as:	agent	common representative
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of o	ity, full official designation. country.)	Telephone No. +91-02718	225001-15
Dr.Bakulesh Mafatlat Khamar		Facsimile No.	
Cadila Pharmaceuticals Ltd., "Cadila Corporate Campus", Sarkhej-Dholka	- Da-d Bl-1	+91-02718	225031/39
Ahmedabad - 382210, Gujarat, India, Nation	Teleprinter No.		
		l	ion No. with the Office
Address for correspondence: Mark this check-box where space above is used instead to indicate a special address to	no agent or common rep which correspondence s	resentative is/has hould be sent.	been appointed and the

Form PCT/RO/101 (first sheet) (March 2001; reprint July 2001)

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER)	TARKENITON (C)
If none of the following sub-boxes is used, this sheet should not be included in the re	, ,
Name and address: (Family name followed by given name; for a legal entity, fill official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  Dr. Rajiv Indravadan Modi  Cadila Pharmaceuticals Ltd., "Cadila Corporate Campus", Sarkhej-Dholka Road, Bhat, Ahmedabad - 382210, Gujarat, India, Nationality, Indian.	This person is:  applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office
State (that is, country) of nationality:  State (that is, country)  State (that is, country)	of residence:
This person is applicant for the purposes of:  All designated all designated states except the United States of America	the United States of America only the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Bax is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  Dr. Prasanta kumar Ghosh Cadila Pharmaceuticals Ltd., "Cadila Corporate Campus", Sarkhej-Dholka Road, Bhat, Ahmedabad - 382210, Gujarat, India, Nationality, Indian.	This person is:  applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office
State (that is, country) of nationality:  IN  State (that is, country) IN	) of residence:
This person is applicant for the purposes of:  all designated . all designated States except the United States of America	the United States of America only the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of restdence if no State of residence is Indicated below.)  Mr. Nirav Desai  Cadila Pharmaceuticals Ltd., "Cadila Corporate Campus", Sarkhej-Dholka Road, Bhat, Ahmedabad - 382210, Gujarat; India, Nationality, Indian:	This person is:  applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office
State (that is, country) of nationality:  State (that is, country)  State (that is, country)	) of residence:
This person is applicant for the purposes of:  all designated lesignated States except the United States of America	the United States of America only the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address tudicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is:  'applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office
State (that is, country) of nationality:  State (that is, country)	of residence:
This person is applicant all designated all designated States except for the purposes of:  all designated States except the United States of America	the United States of America only the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated on another continuation	sheet.

Form PCT/RO/101 (continuation sheet) (March 2001; reprint July 2001)

Box No. V DESIGNATION OF STATES	Mark the applicable check-boxes below;	at least one must be marked			
The following designations are hereby made unc					
	ler Kule 4.9(a):				
Regional Patent					
— "Contracting agree of title List site Library	col and of the PCT	W Zimbabwe, and any other State which is			
Patent Convention and of the PCT	, I W. 1 urkmenistan, and any other State w	ZZ Kazakhstan, MD Republic of Moldova, hich is a Contracting State of the Eurasian			
European Patent: AT Austria, BE Belgium, CH & LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT					
GA OAPI Patent: BF Burkina Faso, BJ GA Gabon, GN Guinea, GW Guinea-H other State which is a member State of a specify on dotted line)	Benin, CF Central African Republic, CG issau, ML Mali, MR Mauritania, NE Niger DAPI and a Contracting State of the PCT (y	Congo, CI Côte d'Ivoire, CM Cameroon, r, SN Senegal, TD Chad, TG Togo, and any other kind of protection or treatment destred,			
National Patent (if other kind of protection or	treatment destred, specify on dotted line):				
AE United Arab Emirates	GH Ghana	MX Mexico			
A Autigua and Barbuda	GM Gambia	MIZ Manushin			
AL Albania	HR Creatia	E NO N.			
AM Armenia	HU Hungary	NZ New Zealand			
AU Australia	II. Icrai	PL Poland			
X AZ Azerbaijan	IN India	K Pr Portugal			
🔣 BA Bosnia and Herzegovina 📈		RU Russian Federation			
BB Barbados	JP Japan				
🔣 BG Bulgaria 😿	KE Kenva	M SD Sudan			
K BR Brazil	KG Kyrgyzstan	D SR Sweden			
PALIBY Belanus	KP Democratic People's Republic	SG Singapore			
BZ Belize	of Korea	SI Slovenia			
r = ::	KR Republic of Korea	SK Slovakia			
CH & L1 Switzerland and Liechtenstein C CN China					
		XI TJ Tajikistan			
CR Costa Rica	LR Liberia	TM Turkmenistan			
🔀 CU Cuba 🔀	LS Lesotho	TR Turkey			
ra de decem reopaume	Li Linuana	Thindau and 100ago			
DE Germany	LU Luxembourg	TZ United Republic of Tanzania			
DK Denmark	LV Latvia	UA Ukraine			
M DM Dominica	MA Morocco	UG Uganda			
DZ Algeria	MD Republic of Moldova	US United States of America			
K EE Estonia	MG Madagascar	D 117 11.1.1.1			
ES Spain	MK The former Yugoslav Republic of	VN Viet Nam			
FI Finland	Macedonia	X YU Yugoslavia			
	MN Mongolia	ZA South Africa			
GD Grenada  GE Georgia	MWMalawi	Z ZW Zimbabwe			
CE Georgia					
Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:					
- <del>   ********************************</del>					
		7			
i recautionary Designation Statement: In add	ition to the decimations made above the				
applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)					

Form PCT/RO/101 (second sheet) (July 2001)

Sheet	No.	4	

Box No. VI PRIORITY	CLAIM			
The priority of the following	g earlier application(s) is here	by claimed:		
Filing date of earlier application				IS:
(day/month/year)	of earlier application	national application: country	regional application:* regional Office	international application:
item (1) 25 APRIL 2005	505/MUM/2005	IN		
item (2)				
item (3)				
ıtem (4)	·			
item (5)				
Further priority claims	are indicated in the Suppleme	ental Box.	<u> </u>	
above as:  all items item  * Where the earlier applicati Industrial Property or one M  Box No. VII INTERNAT  Choice of International Seinternational search, indicate ISA / US	on is an ARIPO application, in tember of the World Trade Or TONAL SEARCHING AUTORIST (ISA) (if the Authority chosen; the two curlier search; reference to the ority):  Number of the World Trade Or the World Trade Or the World Trade Ority):  Number of the World Trade Or the World Trade Ority):  Number of the World Trade Or the World Trade Ority):	item (3) item  item (3) item  idicate at least one country  ganization for which that e  item  THORITY  wo or more International Solution for may be used):	(4) item (5)  party to the Paris Convergerlier application was file.	other, see Supplemental Box office of the Protection of the Protection of the Protection of the (Rule 4.10(b)(ii)):
The following declarations check-boxes below and indica	are contained in Boxes Nos. ate in the right column the num	VIII (i) to (v) (mark the a nber of each type of declare	pplicable atlon):	Number of declarations
Box No. VIII (i)	Declaration as to the identit	y of the inventor		
Box No. VIII (ii)	Declaration as to the applic date, to apply for and be gr	cant's entitlement, as at the ranted a patent	e international/filing	-
Box No. VIII (iii)	Declaration as to the appli date, to claim the priority of	cant's entitlement, as at the of the earlier application	ne international filing	
Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America)				
Box No. VIII (v)	Declaration as to non-preju	idicial disclosures or excep	ptions to lack of novelty	

Form PCT/RO/101 (third sheet) (March 2001; reprint July 2001)

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America) The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

for the purposes of the designation of	of the United States of America:			
I hereby declare that I believe I am the original, first and sole (if only is listed below) inventor of the subject matter which is claimed and	one inventor is listed below) or joint (if more than one inventor for which a patent is sought			
This declaration is directed to the international application of which	it forms a part (if filing declaration with application).			
This declaration is directed to international application No. PCT/ to Rule 26ter).	(if furnishing declaration pursuant			
I hereby declare that my residence, mailing address, and citizenship	are as stated next to my name.			
I hereby state that I have reviewed and understand the contents of the of said application. I have identified in the request of said application, and I have identified below, under the heading "Prior Applications," Organization, day, month and year of filing, any application for a pate States of America, including any PCT international application design having a filing date before that of the application on which foreign is	above-identified international application, including the claims in compliance with PCT Rule 4.10, any claim to foreign priority, by application number, country or Member of the World Trade nt or inventor's certificate filed in a country other than the United ating at least one country other than the United States of America, priority is claimed.			
Prior Applications: .505/MUM/2005, IN, 25 APRIL 2005				
••••••	••••••			
I hereby acknowledge the duty to disclose information that is 37 C.F.R. § 1.56, including for continuation-in-part applications, mat of the prior application and the PCT international filing date of the	erial information which became available between the filing date continuation-in-part application.			
I hereby declare that all statements made herein of my own knowledg are believed to be true; and further that these statements were made made are punishable by fine or imprisonment, or both, under Section false statements may jeopardize the validity of the application or an	with the knowledge that willful false statements and the like so			
Name: KHAMAR BAKULESH				
Residence: AHMEDABAD, INDIA (city and either US state, if applicable, or country)	Name: KHAMAR BAKULESH  Residence: AHMEDABAD, INDIA (city and either US state, if applicable, or country)			
Mailing Address: Cadila Pharmaceuticals Ltd., "Cadila Cor	porate Campus",			
Sarkhej-Dholka Road, Bhat, Ahmedabad	- 38221, Gujarat, India			
Citizenship: IN	***************************************			
Citizenship: IN  Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule. 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date: April 18, 2006 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)			
Name:				
Residence:				
Mailing Address:				
Citizenship:				
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date:			
<u>.</u>				
This declaration is continued on the following sheet, "Continuat	ion of Box No. VIII (iv)?			

Form PCT/RO/101 (declaration sheet (iv)) (March 2001; reprint July 2001)

Box No. IX CHECK LIST; LANGUAGE	OF FILING	
This international application contains:  (a) the following number of sheets in paper form:  request (including	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):  1.   1.   1. fee calculation sheet	ng Number of items
declaration sheets) : : 8	2. Original separate power of attorney	
description (excluding	3. Original general power of attorney	
sequence listing part) 18	4. copy of general power of attorney; reference number	
claims : 2. abstract : 1	fany:	r,
drawings	5. statement explaining lack of signature	
Sub-total number of sheets:	6. T priority document(s) identified in Box No. VI as	
sequence listing part of description (actual number of sheets if filed in paper	item(s):  7. translation of international application into (language):	
form, whether or not also filed in computer readable form; see (b) below)	8. separate indications concerning deposited microorga or other biological material	
Total number of sheets 35	9. sequence listing in computer readable form (indicate	also type
(b) sequence listing part of description filed in computer readable form	and number of carriers (diskette, CD-ROM, CD-R or  (i) copy submitted for the purposes of internation under Rule 13 ter only (and not as part of the	other)) nal search
(i) only (under Section 801(a)(i))	international application)	
(ii) in addition to being filed in paper form (under Section 801(a)(ii))	<ul> <li>(ii) (only where check-box (b)(i) or (b)(ii) is mark column) additional copies including, where a the copy for the purposes of international sear</li> </ul>	nnlicable
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which the sequence listing part is contained (additional copies to be indicated under item 9(i), in	(iii) together with relevant statement as to the iden of the copy or copies with the sequence listing	Ititv
right column):	mentioned in left column	
Figure of the drawings which should accompany the abstract:	10. other (specify):  Language of filing of the international application:  ENGLISH	•••••
Next to each signature, indicate the name of the person sign	T, AGENT OR COMMON REPRESENTATIVE  ning and the capacity in which the person signs (If such capacity is not obvious	s from reading the request).
Chamon B.M.		
Dr.BAKULESH MAFATLAL KHAMAR		
•	•	
1. Date of actual receipt of the purported	For receiving Office use only	
international application:		2. Drawings:
Corrected date of actual receipt due to later b timely received papers or drawings completing the purported international application:	ut Og	received:
Date of timely receipt of the required corrections under PCT Article 11(2):		not received:
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid	
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Date of receipt of the record copy by the International Bureau:		

Form PCT/RO/101 (last sheet) (March 2001; reprint July 2001)

### PATENT COOPERATION TREATY

#### **PCT**

#### ACKNOWLEDGEMENT OF RECEIPT OF DOCUMENTS FILED WITH THE INTERNATIONAL BUREAU AS RECEIVING OFFICE

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KHAMAR, Bakulesh, Mafatlal Cadila Pharmaceuticals Ltd. "Cadila Corporate Campus" Sarkhej-Dholka Road, Bhat, Ahmedabad 382210 Gujarat INDE

Date of mailing (day/month/year)	24 April 2006 (24.04.2006)	Facsimile No.: +91 27 1 822 5031/39
Applicant's or agen	t's file reference BMK-PCT-APRIL06	IMPORTANT COMMUNICATION
International applic	ation No. PCT/IB2006/000978	Date of receipt (day/month/year) 21 April 2006 (21.04.2006)
Applicant	KHAMAR, Bakulesh, Mafatlal	
Title of the invention	VACCINE ADJUVANTS	

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1.	The by ti	International Bureau has received the document/elements listed belone following means: facsimile transmission	оw оп 21 April 2006 (21.04.2008)	
	X	PCT Request	(8-pages)	
	N	description (excluding sequence listing and/or tables thereto)	(18 pages)	
	団	claims	(2 pages)	
	岗	abstract	(1 page)	
		drawings	(6 pages)	
	Ħ	sequence listing and/or tables relating thereto	(o bagas)	
	岗	fee calculation sheet		
	꿈	separate authorization to charge deposit account		
	H	cheque		
	H	cash (in person only)		
	H	power(s) of attorney		
	H	statement(s) explaining lack of signature		
	H	priority document		
	님	•	B.T. B d A A. 15.4	
	H	separate indications concerning deposited micro-organism or other	biological material	
	님	sequence listing and/or tables relating thereto in electronic form		
	뭐	statement accompanying sequence listing and/or tables relating the	reto in electronic form	
	싊	accompanying letter 1		
	띩	form PCT/RO/198 (RO/IB) 1		
	닏	PCT-EASY diskette		
	Ц	other (specify):		
	The	applicant's attention is drawn to the fact that these papers have not	et been checked by this receiving Office in respect	
	of th	eir compliance with the requirements of Article 11(1), that is, whether	r these papers meet the requirements necessary	
	fort	he according of an international filing date. As acon as these papers	have been checked, the applicant will be informed	
2.		rdingly. itional observations (if necessary);		
_	-100	The applicant is reminded to furnish the original of the	numorted international	
	application within 14 days of the above-mentioned date of receipt.			

Name and mailing address of the receiving Office	
International Bureau of WIPO PCT Receiving Office Section 34, chemin des Colombettes, 1211 Geneva 20, Sw	itzerland

Authorized officer

Lucia Tchougang-Palumbo

Telephone No. +41 22 338 86 71

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